

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Thomas H OSTERHELD* , et al

Assignee: APPLIED MATERIALS, INC.

Title: POLISHING PAD HAVING A GROOVED PATTERN FOR USE IN CHEMICAL M

Serial No.: 10/040,108 Confirmation Number Assignment: 1078

Filed: 10/29/2001 Group Art Unit: 3723

Attorney Docket No.: 002001 Examiner: Unknown

COPY OF PAPERS
ORIGINALLY FILED

Santa Clara, California

Box: Missing Parts

ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS

Washington, D.C. 20231

Attention: Manager

Applications Division

RESPONSE TO NOTICE TO FILE MISSING PARTS
OF APPLICATION - FILING DATE GRANTED

Sir:

In response to the Notice to File Missing Parts of Application dated February 8, 2002 the following documents are enclosed to complete the filing of the above-identified patent application:

1. A combined declaration and power of attorney signed by the inventor(s) in compliance with 37 CFR 1.63 signed by one inventor (Sen-Hou KO) (3 pages);
2. A combined declaration and power of attorney signed by the inventor(s) in compliance with 37 CFR 1.63 signed by one inventor (Thomas H. Osterheld) (3 pages);
3. A copy of the Notice to File Missing Parts of Application - Filing Date Granted

The United States Patent and Trademark Office is hereby authorized to charge the following fees to Deposit Account 50-1074;

- | | | |
|----|---|-----------------|
| 1. | Filing Fee - Original Patent Application (37 CFR 1.16(a)) | \$--- |
| 4. | Fees for claims | |
| | ___ each independent claim in excess of 3 (37 CFR 1.16(f)) | \$--- |
| | ___ each claim in excess of 20 (37 CFR 1.16(c)) | \$--- |
| | <input checked="" type="checkbox"/> Late Payment of filing fee or late filing of original declaration or oath - (37 CFR 1.16(e)) | \$130.00 |
| 4. | <input checked="" type="checkbox"/> One Month Extension of Time | \$110.00 |
| | Total Completion Fees | <u>\$240.00</u> |
| 3. | Applicant petitions for an extension of time, the fees for which are set out in 37 CFR 1.17(a)-(d), for the total number of months checked below: | |
| | Extension (Months) Fee for other than Small Entity | |

X One Month	\$ 110.00
___ Two Months	\$ 400.00
___ Three Months	\$ 920.00
___ Four Months	\$1,440.00

If an additional extension of time is required please consider this a petition therefor.

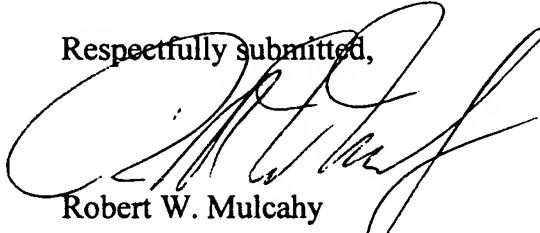
5. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No.50-1074.

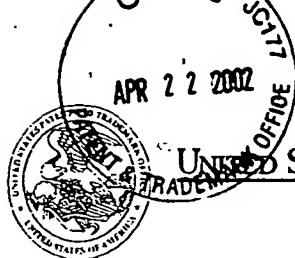
It is hereby respectfully submitted that the enclosed documents complete the filing of the above-named patent application and justify the filing date of October 29, 2001. Please telephone the undersigned at (408) 563-2726 , if there are any questions regarding this matter.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on April 9, 2002

Barbara Heet
~~Beth Mulcahy~~ BARBARA HEET

Respectfully submitted,


Robert W. Mulcahy
Registration No. 25,436



APR 22 2002

UNITED STATES PATENT AND TRADEMARK OFFICE

 COMMISSIONER FOR PATENTS
 UNITED STATES PATENT AND TRADEMARK OFFICE
 WASHINGTON, D.C. 20231
 www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/040,108	10/29/2001	Thomas H. Osterheld	2001C1/236003

CONFIRMATION NO. 1078

Patent Counsel
 Applied Materials, Inc.
 Legal Affairs Department
 P.O. Box 450A
 Santa Clara, CA 95052



Date Mailed: 02/08/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center
 Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

04/23/2002 HVUONG1 00000050 501074 10040108

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Attorney Docket No.002001/ C1/ CMP/CMP /RKK

#3

COMBINED DECLARATION AND POWER OF ATTORNEY

I, a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☐ original
- ☐ divisional
- ☒ continuation
- ☐ continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

POLISHING PAD HAVING A GROOVED PATTERN FOR USE IN CHEMICAL
MECHANICAL POLISHING

SPECIFICATION IDENTIFICATION

The specification of which:

- ☐ is attached hereto
- ☒ was filed on 10/29/2001, Serial No. 10/040,108, executed on even date herewith; or
- ☐ Express Mail No. (as Serial No. not yet known)
- and was amended on _____ (if applicable)
- ☐ was described and claimed in PCT International Application No. _____
- filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, Section 1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR Section 1.98.

PRIORITY CLAIM (35 U.S.C. SECTION 119)

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America or of any United States Provisional Application(s) listed below, and have also identified below

any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the applications) of which priority is claimed.

☐ No such applications have been filed.

☒ Such applications have been filed as follows:

A. Prior foreign/PCT application(s) filed within 12 months (6 months for design) prior to this application, and any priority claims under 35 U.S.C. Section 119

Country/PCT	Application No	Date Filed	Priority Claimed
USA	09/441,633	11/16/1999	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:

Application No:

Filing date:

PRIORITY CLAIM (35 U.S.C. '120)

I hereby claim the benefit under Title 35, United States Code, '120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, '112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

☐ No such applications have been filed

☐ Such applications have been filed, as follows:

_____ Status _____

Serial No.	Filing Date:	Patented	Pending	Abandoned
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POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Joseph Bach	Registration No. 37,771
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Walter Benjamin Glenn	Registration No. 44,713
Robert W. Mulcahy	Registration No. 25,436
David J. Goren	Registration No. 34.7-0

Send correspondence to: Direct telephone calls to:

Patent Counsel, MS/2061
Legal Affairs Dept.
Applied Materials, Inc.
P.O. Box 450A
Santa Clara, CA 95052

David J. Goren
650 322-5070

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec.1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

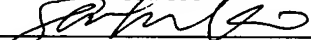
Full name of sole or first inventor: Thomas H OSTERHELD

Inventor's Signature _____ Date _____

Residence: 1195 Barbara Avenue
Mountain View, CA 94040

Post Office Address: Same as Above Citizenship: USA

Full name of second: Sen-Hou KO

Inventor's Signature  Date 3/20/02

Residence: 1013 Wright Court
Sunnyvale, CA 94087

Post Office Address: Same as Above Citizenship: United States

(DECLARATION ENDS WITH THIS PAGE)